

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120781.D
 Acq On : 7 Jul 2020 12:18
 Operator : JU/CG
 Sample : SP5185
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5185

Quant Time: Jul 07 14:30:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139308	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	550126	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	280121	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	543370	20.00	ng	0.00
76) Chrysene-d12	14.00	240	466287	20.00	ng	0.00
86) Perylene-d12	15.47	264	427133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	765781	84.85	ng	0.00
7) Phenol-d6	6.46	99	920644	79.88	ng	-0.01
23) Nitrobenzene-d5	7.40	82	469736	49.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	231833	82.38	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	932132	50.34	ng	0.00
79) Terphenyl-d14	12.96	244	994657	41.76	ng	0.00

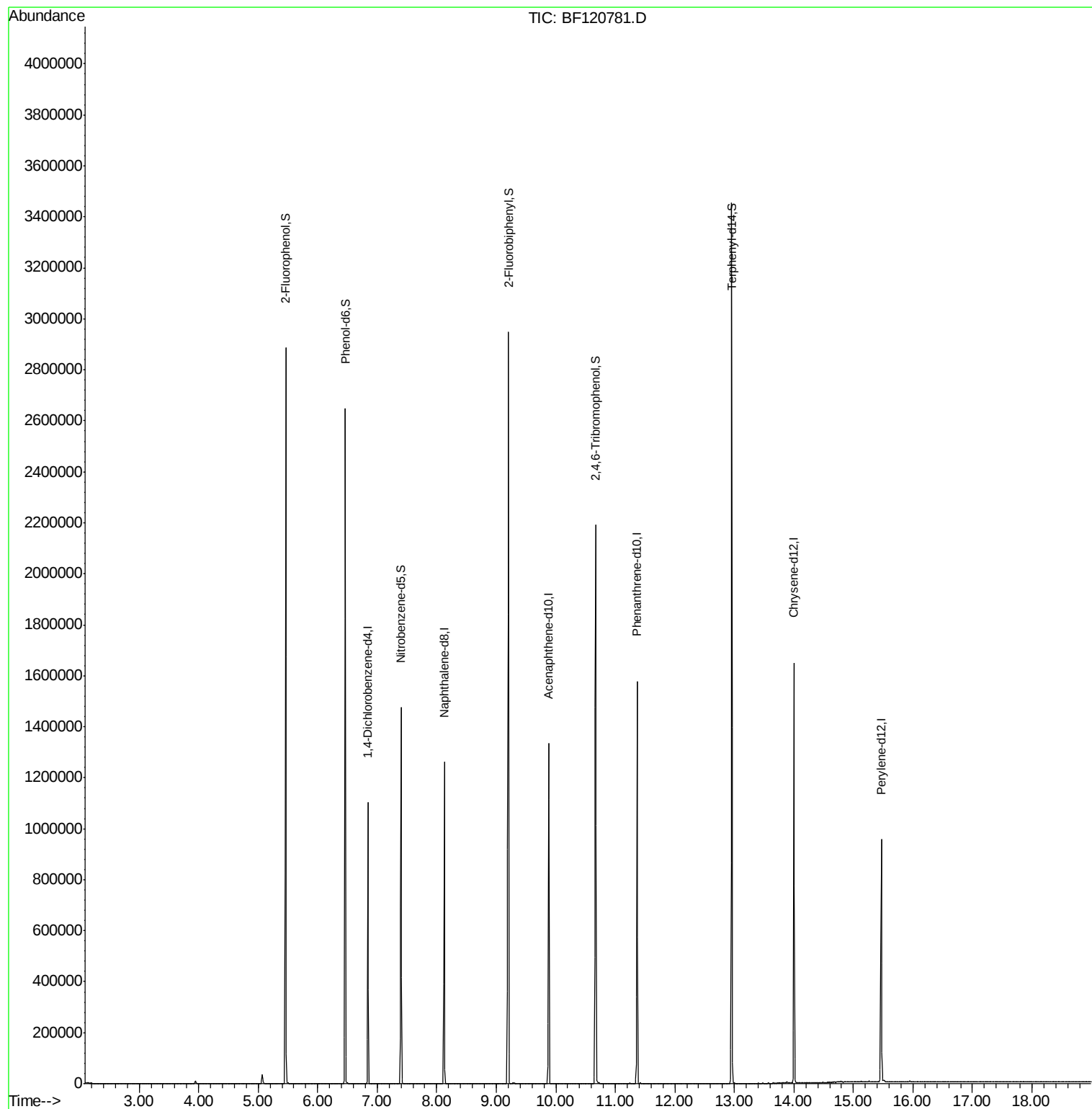
Target Compounds Qvalue

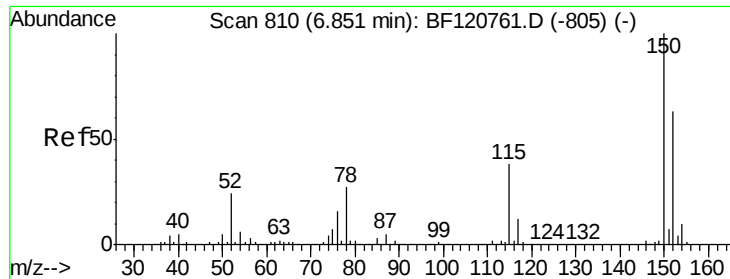
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF120781.D

Acq: 7 Jul 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SP5185

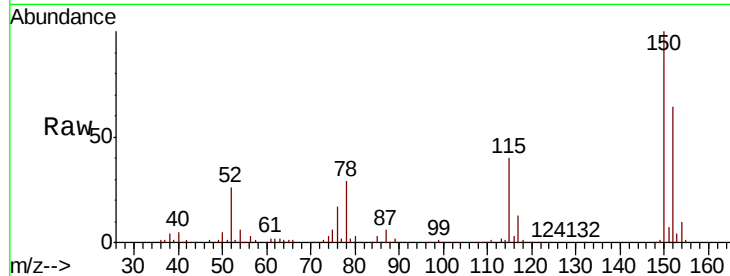
Tot Ion:152 Resp: 139308

Ion Ratio Lower Upper

152 100

150 156.1 126.1 189.1

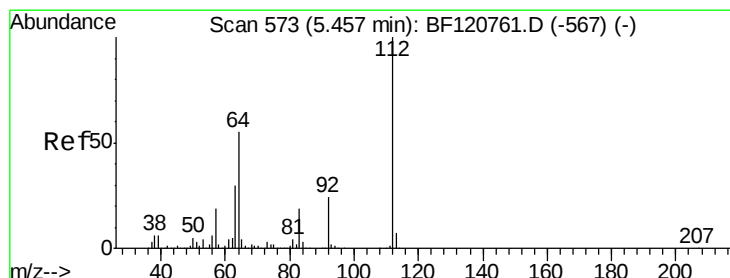
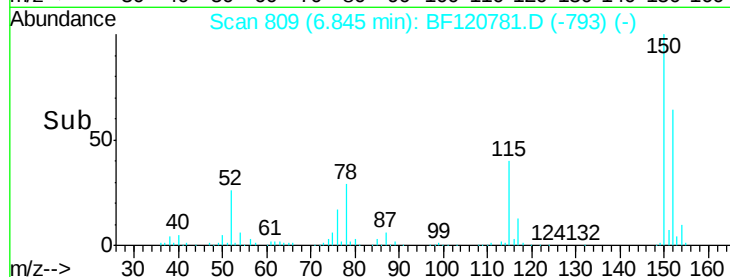
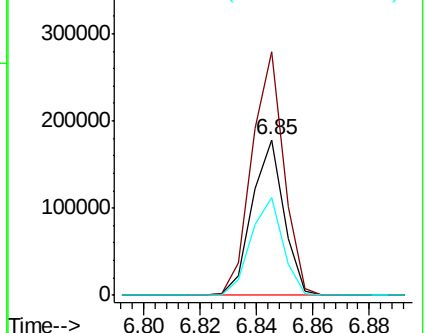
115 62.3 48.5 72.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 84.855 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF120781.D

Acq: 7 Jul 2020 12:18

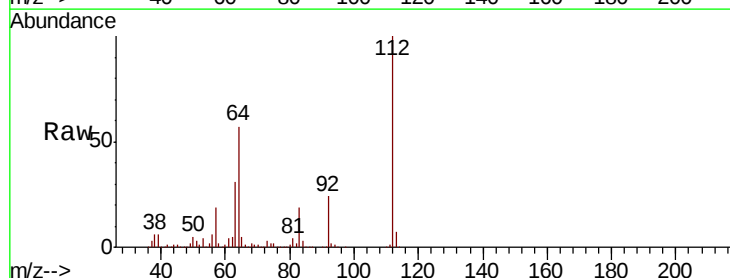
Tgt Ion:112 Resp: 765781

Ion Ratio Lower Upper

112 100

64 57.2 43.8 65.6

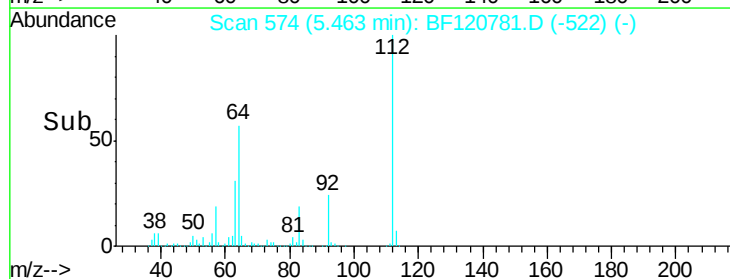
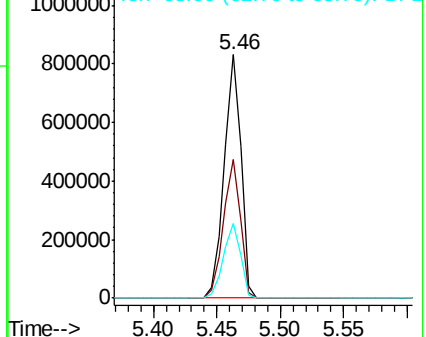
63 30.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.884 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120781.D

Acq: 7 Jul 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SP5185

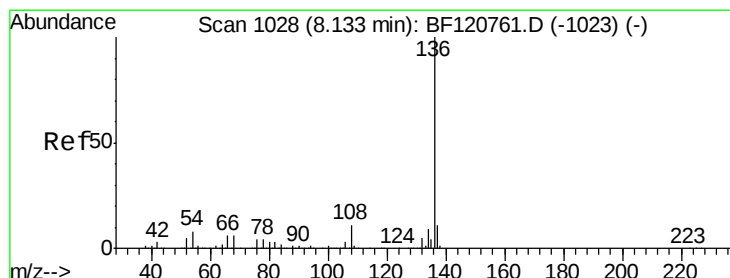
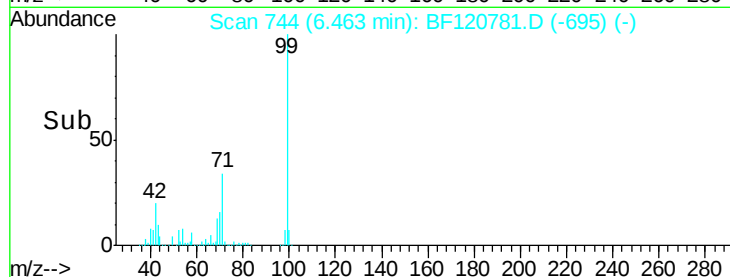
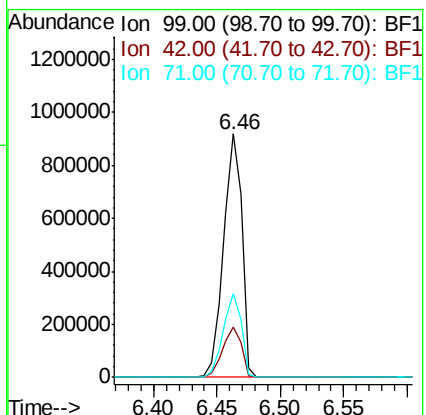
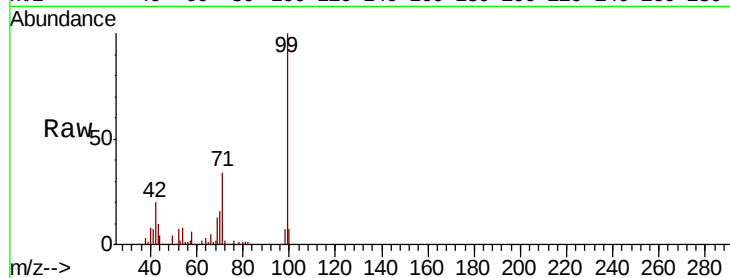
Tot Ion: 99 Resp: 920644

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.0

71 34.2 25.9 38.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120781.D

Acq: 7 Jul 2020 12:18

Tgt Ion: 136 Resp: 550126

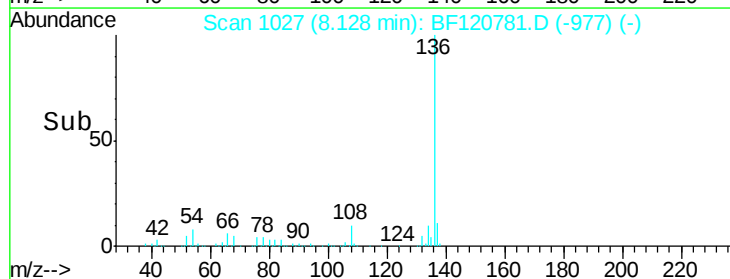
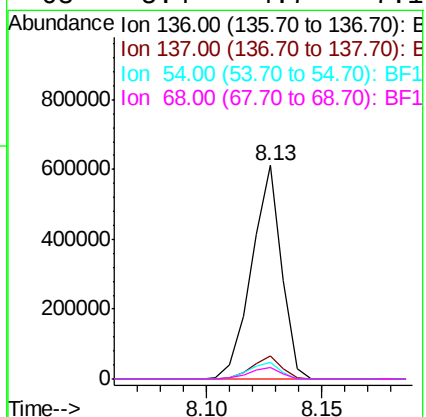
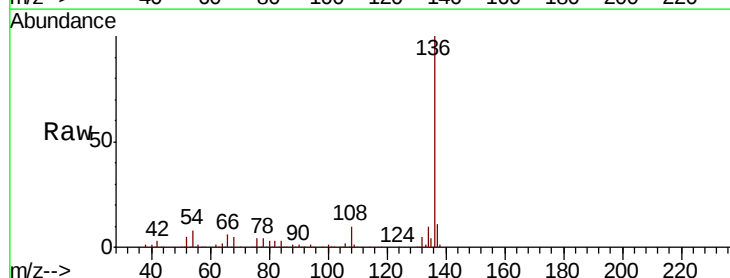
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.8 6.2 9.4

68 5.4 4.7 7.1

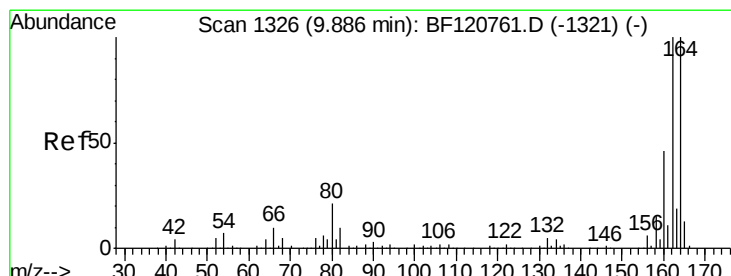
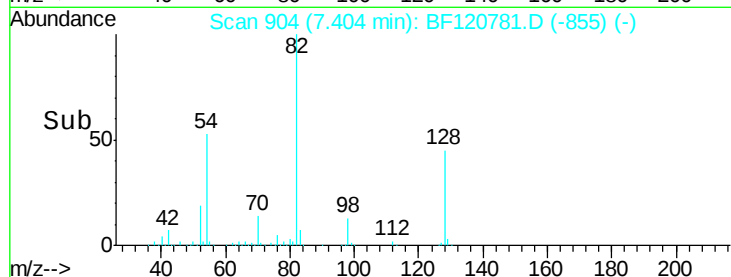
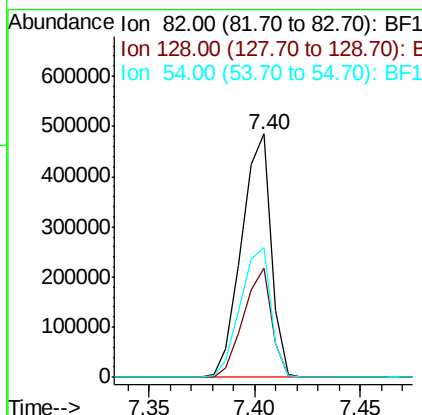
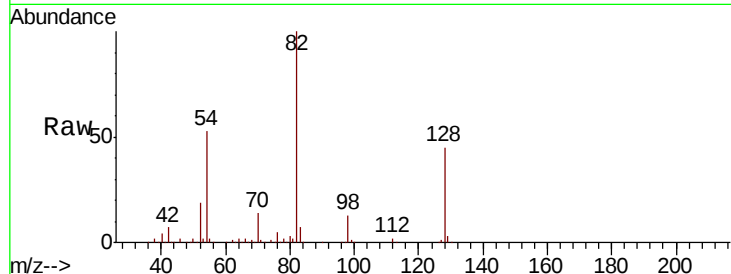




#23
 Nitrobenzene-d5
 Concen: 49.471 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF120781.D
 Acq: 7 Jul 2020 12:18

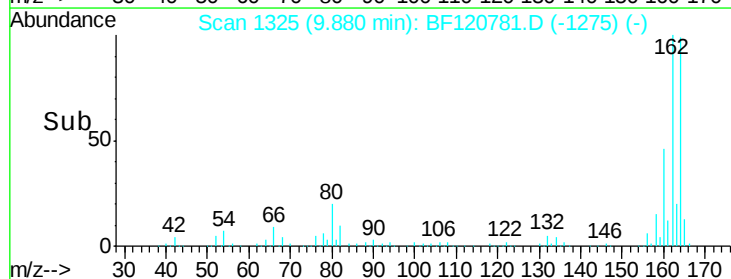
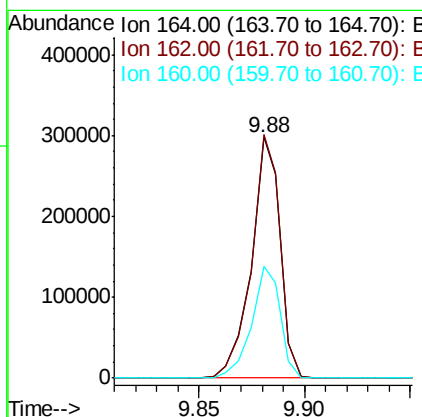
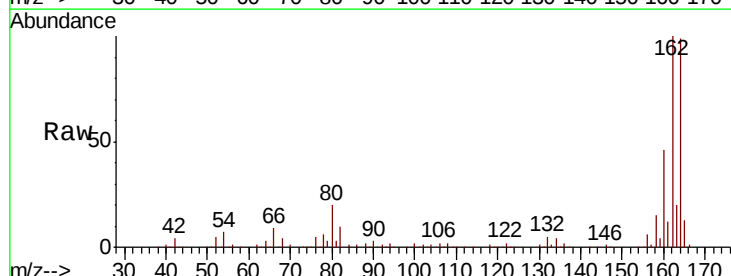
Instrument :
 BNA_F
 ClientSampleId :
 SP5185

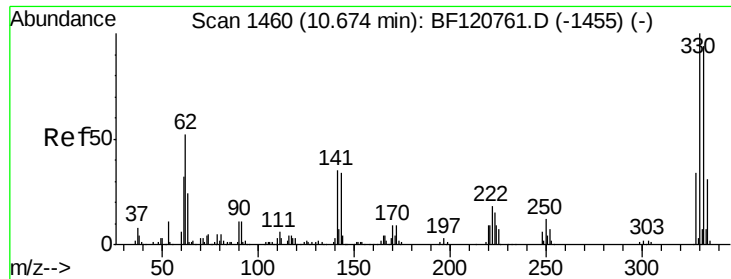
Tot Ion	82	Resp	469736
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.7	53.5
54	53.4	40.9	61.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF120781.D
 Acq: 7 Jul 2020 12:18

Tgt Ion	164	Resp	280121
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.2	120.2
160	46.7	36.9	55.3

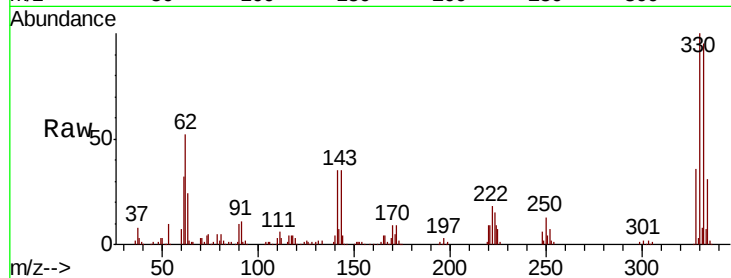




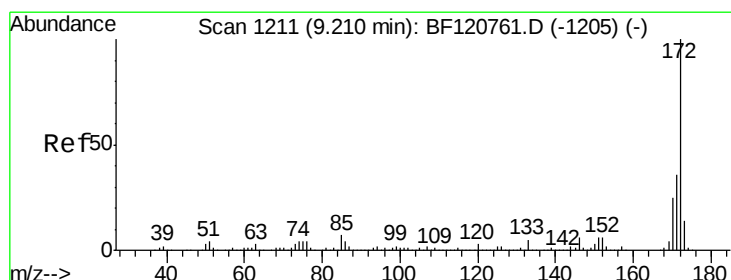
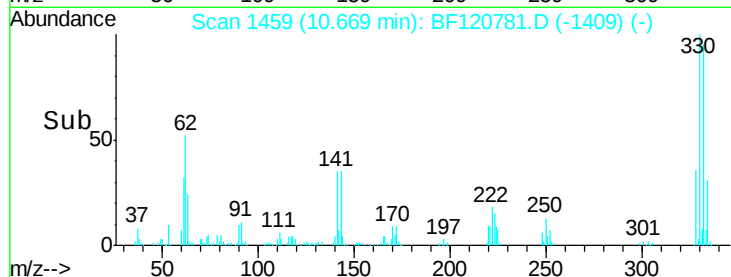
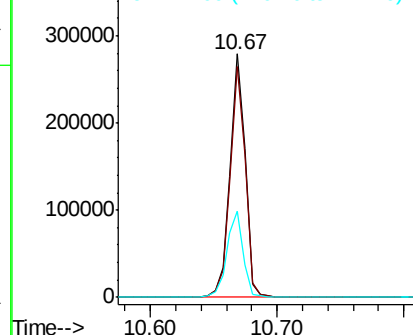
#42
 2,4,6-Tribromophenol
 Concen: 82.379 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF120781.D
 Acq: 7 Jul 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5185

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.8	113.6
141	38.5	29.7	44.5

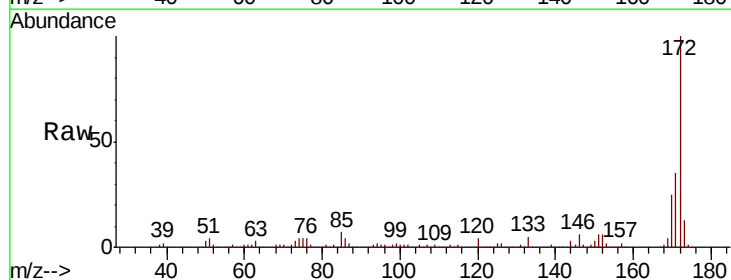


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

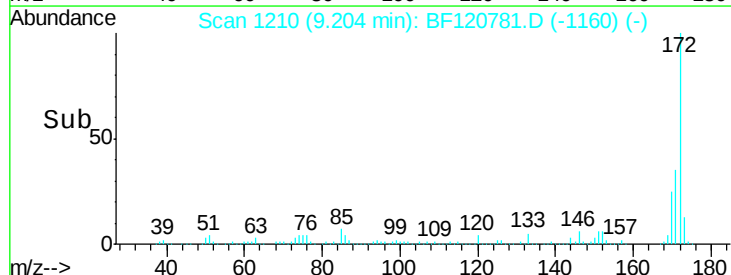
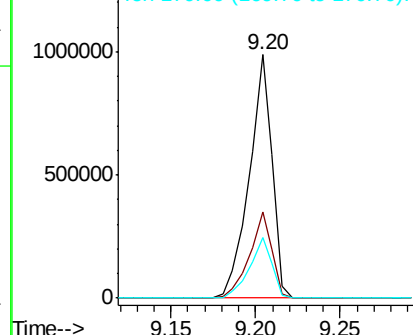


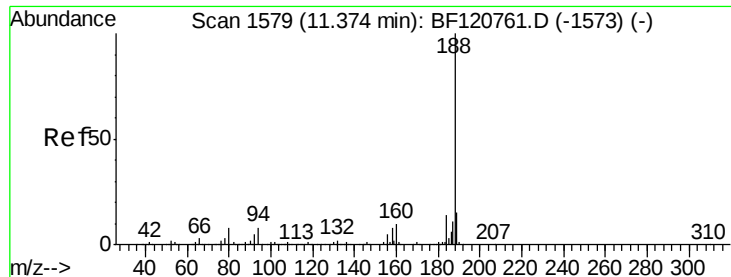
#45
 2-Fluorobiphenyl
 Concen: 50.345 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF120781.D
 Acq: 7 Jul 2020 12:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.1	43.7
170	24.7	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

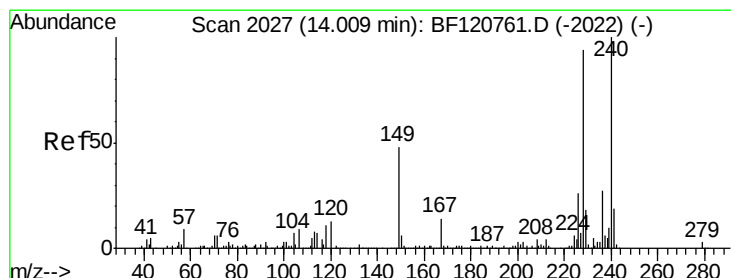
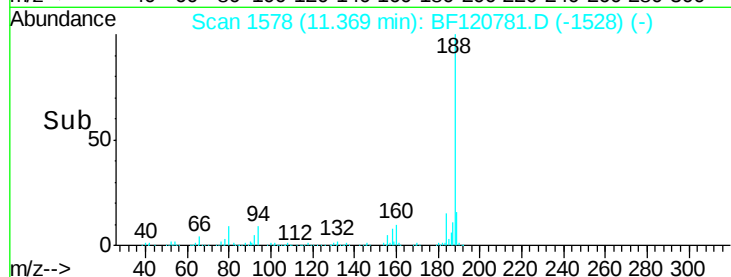
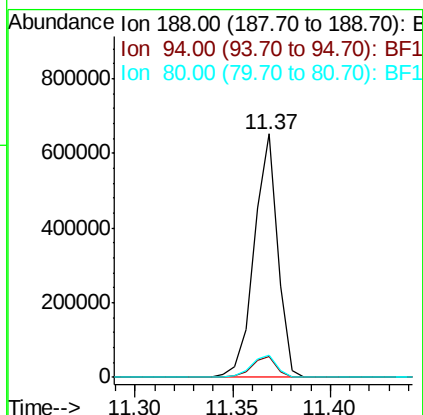
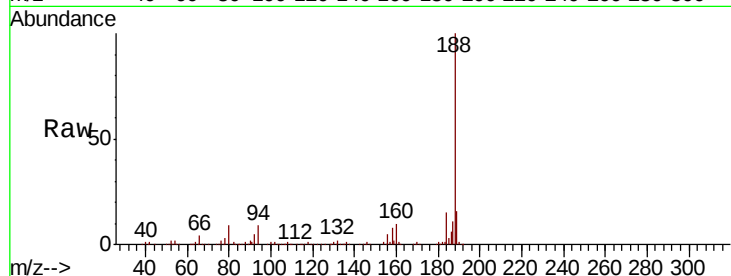




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120781.D
Acq: 7 Jul 2020 12:18

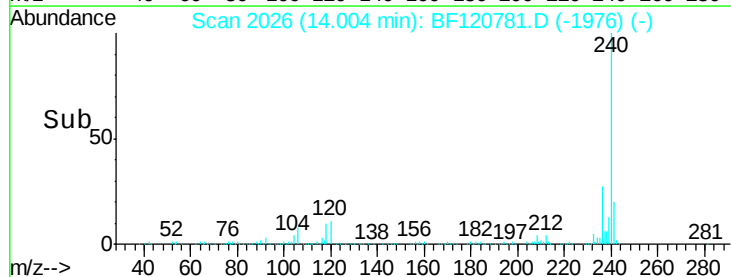
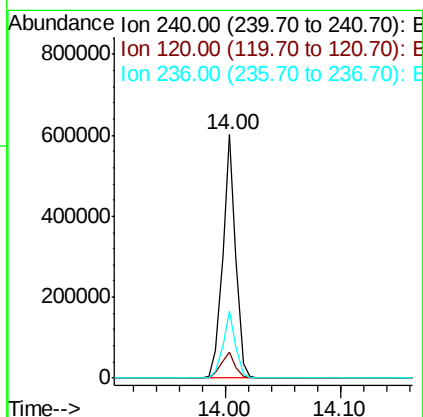
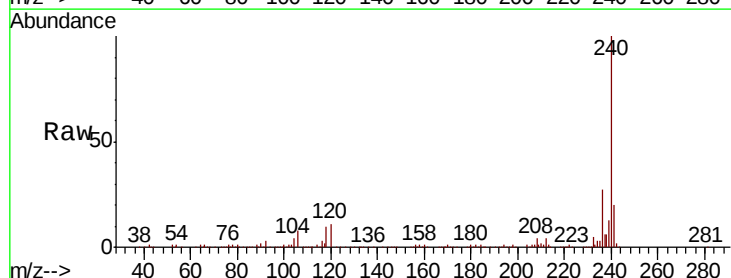
Instrument :
BNA_F
ClientSampleId :
SP5185

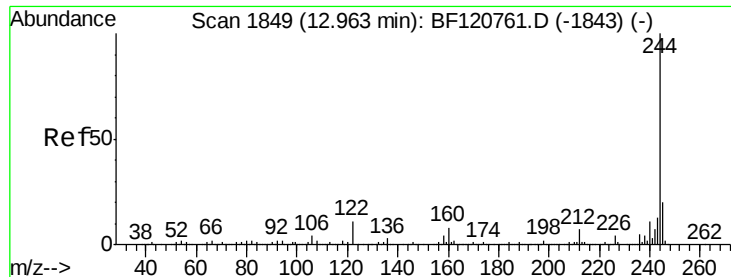
Tot Ion:188 Resp: 543370
Ion Ratio Lower Upper
188 100
94 8.7 6.6 9.8
80 8.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120781.D
Acq: 7 Jul 2020 12:18

Tgt Ion:240 Resp: 466287
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 27.3 21.4 32.2





#79

Terphenyl-d14

Concen: 41.765 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120781.D

Acq: 7 Jul 2020 12:18

Instrument :

BNA_F

ClientSampleId :

SP5185

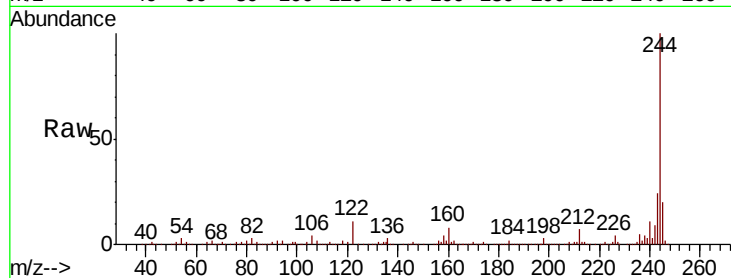
Tot Ion:244 Resp: 994657

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

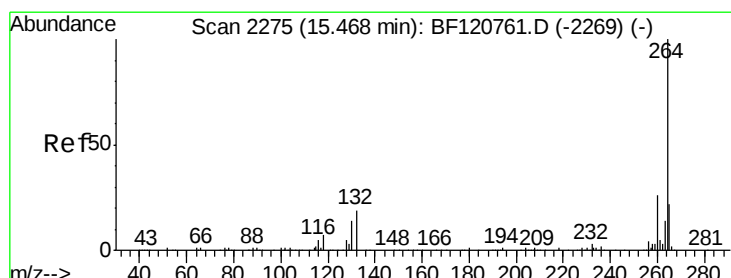
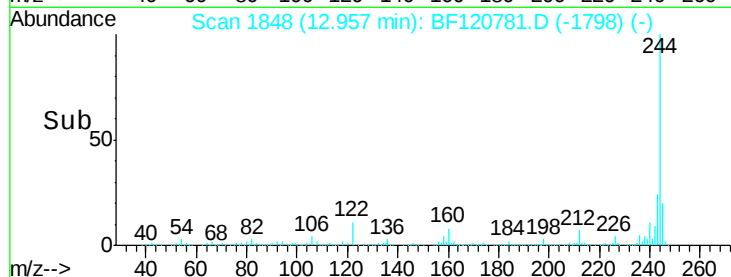
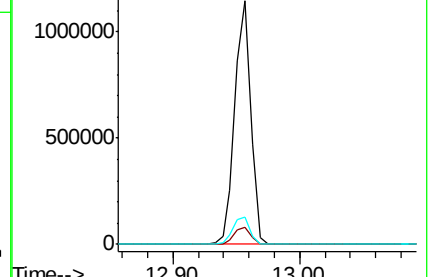
122 11.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120781.D

Acq: 7 Jul 2020 12:18

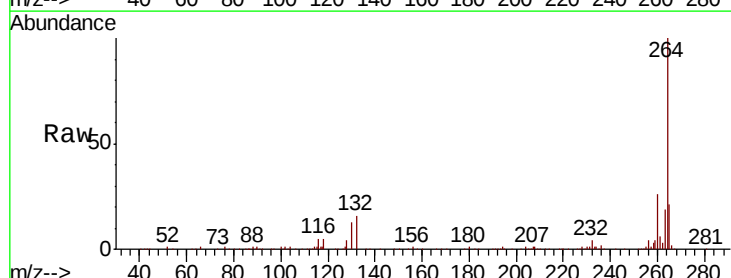
Tgt Ion:264 Resp: 427133

Ion Ratio Lower Upper

264 100

260 25.5 20.6 30.8

265 21.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

